R.A.

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 243 | (nakazawa near3 fumihiko) \| (aritake near3 hirokazu) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/09 12:10 |
| S2 | 26517 | (touch adj (panel \| display)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/09 12:10 |
| S3 | 27370 | (reflect$4 near3 (lcd \| (liquid adj crystal))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/09 12:13 |
| S4 | 95438 | (light near3 guid$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/09 12:14 |
| S5 | 264168 | (light near3 (guid$3 \| plat$3 \| film$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/09 12:16 |
| S6 | 93 | ((touch adj (panel \| display)) same (integrat$3 \| combin$5 \| unit$2 \| merg$3 \| join$3 \| connect$3 \| fus$3 \| bond$3 \| fasten$3) same (light near3 (guid$3))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/09 12:35 |
| S7 | 71 | ((touch adj (panel \| display)) same (integrat$3 \| combin$5 \| unit$2 \| merg$3 \| join$3 \| connect$3 \| fus$3 \| bond$3 \| fasten$3) same (front near3 light)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/09 12:31 |
| S8 | 31 | S7 not S6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/09 12:31 |
| S9 | 48716 | ((touch adj (panel \| display)) same (built$2in \| integrat$3) same (light near3 (guid$3)) \| (front near3 light)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/18 17:27 |
| S10 | 42 | ((touch adj (panel \| display)) same (built$2in \| integrat$3) same ((light near3 guid$3) \| (front near3 light))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/18 17:14 |
| S11 | 1 | ((touch adj (panel \| display)) same ((act$3 \| becom$3) near3 one) same ((light near3 guid$3) \| (front near3 light))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/09 13:33 |

# EAST Search History

| | | | | | | |
|---|---|---|---|---|---|---|
| S12 | 1 | ((touch adj (panel \| display)) same (dual) same ((light near3 guid$3) \| (front near3 light))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/09 13:35 |
| S13 | 137 | ((touch adj (panel \| display)) & ((light near3 guid$3) \| (front near3 light)) near8 substrate) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/09 12:54 |
| S14 | 1 | ((touch adj (panel \| display)) & ((light near3 guid$3) \| (front near3 light)) near8 ("same" near2 substrate)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/09 13:36 |
| S15 | 3 | ((touch adj (panel \| display)) & ((light near3 (plat$3 \| film)) \| (front near3 light)) near8 ("same" near2 substrate)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/09 13:24 |
| S16 | 40 | ((touch adj (panel \| display)) same (built$2in \| integrat$3) same ((light near3 (plate$3 \| film$3)) \| (front near3 light))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/09 13:25 |
| S17 | 1 | ((touch adj (panel \| display)) same ((act$3 \| becom$3) near3 one) same ((light near3 (plat$3 \| film$3)) \| (front near3 light))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/09 13:34 |
| S18 | 3 | ((touch adj (panel \| display)) same (dual) same ((light near3 (plat$3 \| film$3)) \| (front near3 light))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/09 13:35 |
| S19 | 3 | ((touch adj (panel \| display)) & ((light near3 (plat$3 \| film$3)) \| (front near3 light)) near8 ("same" near2 substrate)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/09 13:37 |
| S20 | 68605 | (ultra$1sonic near3 wave$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/09 13:39 |
| S21 | 2 | S10 & S20 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/09 13:39 |
| S22 | 70883 | ((ultra$1sonic \| (sound near3 acoustic$2)) near3 wave$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/09 13:39 |
| S23 | 2 | S10 & S22 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/09 13:40 |

| S24 | 14 | ((touch adj (panel \| display)) same (together) same ((light near3 guid$3) \| (front near3 light))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/09 13:55 |
|-----|-----|-----|-----|-----|-----|-----|
| S25 | 23 | S3 & S10 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/09 14:53 |
| S26 | 1 | S22 & S25 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/09 16:36 |
| S27 | 0 | ("2004/0032401").URPN. | USPAT | OR | OFF | 2006/01/09 15:46 |
| S28 | 117 | ((touch adj (panel \| display)) same (form$3 \| produc$3 \| creat$3) same ((light near3 guid$3) \| (front near3 light))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/09 16:05 |
| S29 | 27 | ((touch adj (panel \| display)) near8 (form$3 \| produc$3 \| creat$3) near8 ((light near3 guid$3) \| (front near3 light))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/09 16:24 |
| S30 | 4 | ((touch adj (panel \| display)) near8 (manufactur$3) near8 ((light near3 guid$3) \| (front near3 light))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/09 16:25 |
| S31 | 2 | S22 & S10 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/09 16:36 |
| S32 | 54 | (integrat$3 same ((light near4 (guid$3 \| plat$3)) \| (front near3 light)) same (input$4 near3 device$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/11 13:34 |
| S33 | 26528 | (touch adj (panel \| display)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/11 13:33 |
| S34 | 27386 | (reflect$4 near3 (lcd \| (liquid adj crystal))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/11 13:33 |
| S35 | 37 | (manufactur$3 same ((light near4 (guid$3 \| plat$3)) \| (front near3 light)) same (input$4 near3 device$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/11 16:35 |
| S36 | 311621 | protrusion$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/11 16:35 |

| S37 | 1094 | ((light near4 (guid$3 \| plat$3)) \| (front near3 light)) same (input$4 near3 device$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/11 16:35 |
|-----|------|------|------|------|------|------|
| S38 | 13 | S33 & S34 & S36 & S37 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/11 16:37 |
| S39 | 68796 | bump | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/11 16:37 |
| S40 | 0 | S33 & S34 & S39 & S37 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/11 16:38 |
| S41 | 173908 | bump$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/11 16:37 |
| S42 | 0 | S33 & S34 & S41 & S37 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/11 16:40 |
| S43 | 47532 | protuberanc$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/11 16:40 |
| S44 | 0 | S33 & S34 & S43 & S37 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/11 16:40 |
| S45 | 837566 | ball$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/11 16:40 |
| S46 | 7 | S33 & S34 & "115" & S37 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/11 16:40 |
| S47 | 1 | S33 & S34 & S45 & S37 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/11 16:42 |
| S48 | 639891 | (swell$3 \| bulg$3 \| bump$3 \| lump$3 \| knob$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/11 16:42 |

| | | | | | | |
|---|---|---|---|---|---|---|
| S49 | 1 | S33 & S34 & S48 & S37 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/11 17:09 |
| S50 | 11 | rodney near3 amadiz | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/11 17:09 |
| S51 | 151 | (step$1like) near5 angle$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/18 13:53 |
| S52 | 11 | rodney near3 amadiz | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/18 13:41 |
| S53 | 26730 | (touch adj (panel \| display)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/18 13:43 |
| S54 | 95906 | (light near3 guid$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/18 13:44 |
| S55 | 265203 | (light near3 (guid$3 \| plat$3 \| film$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/18 13:44 |
| S56 | 1 | S51 & S53 & (S54 \| S55) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/18 13:53 |
| S57 | 19398 | (step$1like \| triang$4) near5 angle$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/18 14:18 |
| S58 | 8 | S57 & S53 & (S54 \| S55) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/18 14:19 |
| S59 | 20723 | (step$1like \| triang$4 \| step$1wise) near5 angle$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/18 14:19 |
| S60 | 10 | S59 & S53 & (S54 \| S55) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/18 14:19 |

# EAST Search History

| S61 | 3169 | (345/173,174,177).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/18 16:13 |
|-----|------|-------------------------|-----------------------------------|-----|-----|------------------|
| S62 | 162 | 349/12.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/18 16:13 |
| S63 | 3501 | 345/173,174,177.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/08/04 10:05 |
| S64 | 3501 | (345/173,174,177).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/08/04 10:05 |
| S65 | 0 | 362/31.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/08/04 10:06 |
| S66 | 176 | 349/12.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/08/04 10:06 |
| S67 | 3753 | (345/173,174,177).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/20 14:36 |
| S68 | 1387 | (349/12,56,84,162).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/18 17:12 |
| S69 | 15022 | "178"/$!.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/18 17:26 |
| S70 | 19393 | S67 \| S68 \| S69 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/18 17:13 |
| S71 | 1378043 | ((single \| one) near6 (substrate \| layer \| sheet \| panel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/18 17:13 |
| S72 | 274 | ((touch adj (panel \| display \| pad)) same (light near3 guid$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/18 17:16 |

# EAST Search History

| | | | | | | |
|---|---|---|---|---|---|---|
| S73 | 26 | S71 same S72 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/18 17:16 |
| S74 | 12 | S70 & S73 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/18 17:16 |
| S75 | 1187 | (178/18.01,18.03,18.04).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/18 17:27 |
| S76 | 5810 | (S67 \| S68 \| S75) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/18 17:27 |
| S77 | 30 | ((touch adj (panel \| display)) same (built$2in \| integrat$3) same (light near3 guid$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/18 17:42 |
| S78 | 2 | S71 same S77 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/18 17:28 |
| S79 | 1 | ("2002/0154250").URPN. | USPAT | OR | OFF | 2006/12/18 17:28 |
| S80 | 4 | "6456279".pn. \| "6473072".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/18 17:43 |
| S81 | 420 | ((touch) same (integrat$3 \| combin$5 \| unit$2 \| merg$3 \| join$3 \| connect$3 \| fus$3 \| bond$3 \| fasten$3 \| buil$4in \| "same" \| single) same (light near3 (guid$3 \| path \| pipe))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/19 15:39 |
| S82 | 136 | ((touch adj panel) same (integrat$3 \| combin$5 \| unit$2 \| merg$3 \| join$3 \| connect$3 \| fus$3 \| bond$3 \| fasten$3 \| buil$4in \| "same" \| single) same (light near3 (guid$3 \| path \| pipe))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/19 16:12 |
| S83 | 23 | ((touch adj panel) same ((single \| one) near4 (layer$2 \| substrate \| sheet)) same (light near3 (guid$3 \| path \| pipe))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/19 16:13 |
| S84 | 1360 | ("same" near7 (optical near4 refractive near4 index)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/20 14:37 |

| S85 | 1187 | (178/18.01,18.03,18.04).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/20 14:34 |
|---|---|---|---|---|---|---|
| S86 | 4070 | (345/173-177).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/20 14:36 |
| S87 | 1 | S84 & (S85 \| S86) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/20 14:37 |
| S88 | 408 | ((light near4 guid$3) near7 (optical near4 refractive near4 index)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/20 14:38 |
| S89 | 3 | S88 & (S85 \| S86) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/20 14:39 |
| S90 | 700 | ((light near4 (guid$3 \| path \| pipe)) near7 (optical near4 refractive near4 index)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/20 14:39 |
| S91 | 3 | S90 & (S85 \| S86) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/20 14:39 |
| S92 | 878 | ((light near4 (guid$3 \| path \| pipe)) near7 (optical near4 refract$3 near4 index)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/20 14:40 |
| S93 | 3 | S92 & (S85 \| S86) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/20 14:40 |
| S94 | 6037 | ((light near4 (guid$3 \| path \| pipe)) near7 (refract$3 near4 index)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/20 14:40 |
| S95 | 14 | S94 & (S85 \| S86) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/20 14:59 |
| S96 | 236 | ((light near4 guid$3) same groov$3 same degree$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/20 15:00 |

| S97 | 1 | S96 & (S85 | S86) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/20 15:02 |
|---|---|---|---|---|---|---|
| S98 | 894 | ((light near4 guid$3) same groov$3 same (angle$1 | degree$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/20 15:08 |
| S99 | 3 | S98 & (S85 | S86) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/20 15:10 |
| S100 | 1488 | ((light near4 guid$3) same (groov$3 | step$1like | triang$4 | step$1wise | V-$6) same (angle$1 | degree$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/20 15:09 |
| S101 | 4 | S100 & (S85 | S86) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/12/20 15:10 |
| S102 | 6 | ("20010035924" | "20020101399" | "20030025442" | "20030026564" | "20040061818" | "6628352").PN. OR ("6892009").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/20 15:15 |
| S103 | 4104 | 345/173,174,177.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/22 16:41 |
| S104 | 0 | 362/31.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/22 16:41 |
| S105 | 187 | 349/12.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/22 16:41 |
| S106 | 0 | (integrat$3 near3 two near2 (optical$3 near3 substrat$3) with (visib$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/22 16:43 |